

Project Title	Funding	Strategic Plan Objective	Institution
ACE Network: A longitudinal MRI study of infants at risk for autism	\$3,246,479	Q1.L.A	University of North Carolina at Chapel Hill
The Professional Development Center: Children with autism spectrum disorders	\$1,000,000	Q5.L.C	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$900,000	Q3.L.D	University of North Carolina at Chapel Hill
Advancing Social-Communication and Play (ASAP): An intervention program for preschoolers with autism	\$768,670	Q4.S.D	University of North Carolina at Chapel Hill
Efficacy of a parent-mediated intervention for one-year-olds at risk for autism	\$661,373	Q4.L.D	University of North Carolina at Chapel Hill
Genetic studies of autism-related Drosophila neurexin and neuroligin	\$550,000	Q2.Other	University of North Carolina at Chapel Hill
Administrative Core	\$529,954	Q7.Other	University of North Carolina at Chapel Hill
Genome-wide identification of variants affecting early human brain development	\$504,632	Q2.S.G	University of North Carolina at Chapel Hill
Sensory experiences in children with autism	\$492,743	Q1.Other	University of North Carolina at Chapel Hill
Neural circuitry of social cognition in the broad autism phenotype	\$405,855	Q2.S.G	University of North Carolina at Chapel Hill
Pragmatic skills of young males and females with fragile X syndrome	\$396,073	Q2.L.A	University of North Carolina at Chapel Hill
Imaging signal transduction in single dendritic spines	\$382,200	Q2.Other	Duke University
Restricted repetitive behavior in autism	\$377,158	Q1.L.B	University of North Carolina at Chapel Hill
Role of UBE3A in neocortical plasticity and function	\$367,500	Q4.S.B	Duke University
Small-molecule compounds for treating autism spectrum disorders	\$350,000	Q4.S.B	University of North Carolina at Chapel Hill
Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	\$344,170	Q7.I	University of North Carolina at Chapel Hill
Statistical analysis of biomedical imaging data in curved space	\$326,619	Q2.Other	University of North Carolina at Chapel Hill
Birth to kindergarten professional preparation: Inclusive services for children with Autism Spectrum Disorders	\$299,998	Q5.Other	University of North Carolina at Greensboro
Efficacy of the home TEACCHing program for toddlers with autism	\$299,997	Q4.L.D	University of North Carolina at Chapel Hill
Personnel preparation program in low incidence severe disabilities	\$241,608	Q5.L.C	University Of North Carolina at Charlotte
Neuropharmacology of motivation and reinforcement in mouse models of autistic spectrum disorders	\$228,965	Q4.S.B	University of North Carolina School of Medicine
Sensory based CNS diagnostics for the clinic	\$218,946	Q1.S.B	University of North Carolina at Chapel Hill
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$200,000	Q4.S.B	Massachusetts Institute of Technology
Preparing and supporting personnel in Western North Carolina to teach students with severe disabilities	\$200,000	Q5.L.C	Western Carolina University
East Carolina University Pathways	\$200,000	Q5.Other	East Carolina University

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Utility of social robots for promoting joint attention in infants and toddlers with disabilities	\$199,910	Q4.Other	Orelena Hawks Puckett Institute
Preparing early childhood special educators, occupational therapists, and speech-language pathologists for working with young children with autism and their families	\$199,365	Q5.Other	University of North Carolina at Chapel Hill
Improving speech-language pathology services to children with severe disabilities through pre-professional and professional training	\$196,648	Q5.Other	Western Carolina University
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$180,000	Q1.L.A	University of North Carolina at Chapel Hill
Functional neuroimaging of psychopharmacologic intervention for autism	\$162,009	Q2.L.B	University of North Carolina at Chapel Hill
Post-doctoral training in special education research	\$159,737	Q7.K	University of North Carolina at Chapel Hill
Sex differences in early brain development; Brain development in turner syndrome	\$156,841	Q2.S.D	University of North Carolina at Chapel Hill
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	\$150,000	Q4.S.B	Duke University
A computer-based social intervention for students with high functioning ASD: Using technology to improve special education	\$149,993	Q4.L.D	3-C Institute for Social Development
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	\$149,962	Q1.S.B	University of North Carolina
MRI study of brain development in school age children with autism	\$126,978	Q2.L.A	University of North Carolina at Chapel Hill
Access, quality and financial implications of the transitions of children with autism	\$100,000	Q5.S.A	University of North Carolina at Chapel Hill
An investigation of the overlap of autism and fragile X syndrome	\$71,632	Q2.S.G	University of North Carolina at Chapel Hill
Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	\$27,554	Q2.Other	University of North Carolina at Chapel Hill
Increasing independence and task completion in adolescents and adults with ASD using independent work systems	\$20,000	Q6.L.A	University of North Carolina at Chapel Hill
Outcomes of a community center-based program for toddlers with autism spectrum disorders	\$10,000	Q4.L.D	University of North Carolina at Chapel Hill
A multigenerational longitudinal study of language development: Insight from autism	\$0	Q2.S.G	University of North Carolina at Chapel Hill
Ube3a requirements for structural plasticity of synapses	\$0	Q2.Other	University of North Carolina at Chapel Hill
Neural basis of empathy and its dysfunction in autism spectrum disorders (ASD)	\$0	Q2.Other	Duke University
Immunopathogenesis in autism: Regulatory T cells and autoimmunity in neurodevelopment	\$0	Q3.S.F	East Carolina University

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Novel strategies to manipulate Ube3a expression for the treatment of autism and Angelman syndrome	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Role of UBE3A in neocortical plasticity and function	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Comparison of two comprehensive treatment models for preschool-aged children with autism spectrum disorders and their families	\$0	Q4.L.D	University of North Carolina at Chapel Hill
Social communication and symbolic play intervention for preschoolers with autism	\$0	Q4.L.D	University of North Carolina at Chapel Hill
An interactive social tutoring system to improve and measure social goals for students with high functioning autism spectrum disorders	\$0	Q4.Other	3-C Institute for Social Development
Daily living and community skills video game for children with developmental disabilities	\$0	Q4.Other	Sandbox Learning Company
Autism insurance policy and access to care for children with autism: A state level analysis	\$0	Q5.S.A	University of North Carolina at Chapel Hill
Personnel preparation program in low-incidence severe disabilities	\$0	Q5.Other	University of North Carolina at Chapel Hill
Preparing SLPs, OTs, early childhood special educators, and developmental psychologists for leadership roles in teaching, research, and service focused on young children with autism and their families	\$0	Q7.K	University of North Carolina at Chapel Hill

